1	2	3	4	5	6	7	8
32	Daman and Diu						0.00
33	Delhi						0.00
34	Lakshadweep						0.00
35	Pondicherry		0.12				0.12
36	Others	44.38	11.14		24.23	0.29	80.04
	TOTAL:	183.52	164.30	2.19	43.16	8.63	410.14

Assistance for schemes of Ministry of NRE

†2219. SHRIMATI MAYA SINGH: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the names and the details of schemes being implemented by the Ministry, State-wise;

(b) the schemes being implemented, out of them, in Madhya Pradesh;

(c) whether Government provide financial assistance to States for implementation of its schemes; and

(d) if so, the financial and technical assistance provided during the last three years, State-wise?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) Details of schemes/ programmes being implemented in the country, including Madhya Pradesh, and cumulative achievements under the same as on 31.03.2007 are given in Statement-I (*See* below).

(c) and (d) Yes, Sir. State-wise details of central financial assistance provided under various renewable energy schemes/programmes during the last 3 years, *i.e.*, 2004-05, 2005-06 and 2006-07 are given in Statement-II.

Statement-I

State-wise details of schemes/programmes being implemented and cumulative achievements as on 31.03.2007

A. Grid-Connected Renewable Power

Sl. No.	States/UT	Small Hydro Power	Wind Power	Bio Power		Solar Power	Total Capacity
				Biomass Power	Waste to Energy		
		(MW)	(MW)	(MW)	(MW)	(MW)	(MW)
1	2	3	4	5	6	7	8
1	Andhra Pradesh	178.85	122.40	301.25	28.50	0.10	631.10

†Original notice of the question was received in Hindi.

1	2	3	4	5	6	7	8
2	Arunachal Pradesh	45.24				0.02	45.26
3	Assam	2.11					2.11
4	Bihar	50.40					50.40
5	Chhattisgarh	18.05		113.30			131.35
6	Goa	0.05					0.05
7	Gujarat	7.00	636.60	0.50			644.10
8	Haryana	62.70		6.00			68.70
9	Himachal Pradesh	141.62					141.62
10	Jammu and Kashmir	111.83					111.83
11	Jharkhand	4.05					4.05
12	Karnataka	416.50	821.10	254.28	1.00		1492.88
13	Kerala	98.12	2.00			0.02	100.14
14	Madhya Pradesh	51.16	57.30	1.00	2.70	0.10	112.26
15	Maharashtra	209.33	1487.70	76.00	1.00		1774.03
16	Manipur	5.45					5.45
17	Meghalaya	30.71					30.71
18	Mizoram	17.47					17.47
19	Nagaland	20.67					20.67
20	Orissa	7.30	3.20				10.50
21	Punjab	123.90		28.00	1.00	0.32	153.22
22	Rajasthan	23.85	469.80	23.30		0.15	517.10
23	Sikkim	39.11					39.11
24	Tamil Nadu	89.70	3492.79	215.50	4.25	0.05	3802.29
25	Tripura	16.01					16.01
26	Uttar Pradesh	25.10		121.50	5.00	0.38	151.98
27	Uttaranchal	75.67				0.05	75.72
28	West Bengal	98.40	1.10			0.05	99.55
29	Andaman and Nicobar	5.25				0.10	5.35
30	Chandigarh						
31	Dadar and Nagar Haveli						
32	Daman and Diu						
33	Delhi						
34	Lakshadweep					0.75	0.75
35	Pondicherry					0.02	0.02
	TOTAL (MW):	1975.60	7093.99	1140.63	43.45	2.12	10255.79

MW = megawatt

Off-grid/Decentralized Renewable Energy Systems/Devices

Sl. No.	State/UT	Biogas Plants (Nos.)	Biomass Gasifiers (MW)	Waste to Energy Plants (MW)	SLS (Nos.)	HLS (Nos.)	Solar Photovoltaic Systems SL (Nos.)	PP kWp	SPV Pumps (Nos.)	Water Pumping Wind Mills (Nos.)	Aerogen/ Hybrid systems (kW)	Solar Cookers (Nos.)	Remote Village Electrification Villages/Hamlets (Nos.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Andhra Pradesh	400857	15.88	4.70	3733	1530	35152	21.66	613	6	16.00	12867	
2	Arunachal Pradesh	2210	1.98		788	1770	9937	7.90	1			530	112
3	Assam	58667	0.12		98	2787	541	7.50	45	3	6.00	80	39
4	Bihar	124935	0.02		690	1069	33765		139	46		475	
5	Chhattisgarh	18645	0.51		1409	7028	3192		61			37136	325
6	Goa	3707	0.02		178	202	443	1.72	15		39.00	1500	
7	Gujarat	378846	15.21	2.95	2004	5918	31603	29.90	85	715	10.00	114595	2
8	Haryana	49190	1.40		2341	15266	32727	24.20	469			24366	45
9	Himachal Pradesh	44866	0.01		2794	13948	20697	1.50	6			28264	1
10	Jammu and Kashmir	2122	0.52		389	15317	9202	75.60	39			368	117
11	Jharkhand	2083	0.18		620	4035	16374					280	134
12	Karnataka	393236	6.42		1279	10921	7334	29.41	456	25	10.00	254	
13	Kerala	108313	0.73		1090	18679	41181	44.70	810	79	8.00	236	558
14	Madhya Pradesh	247566	6.50		6054	1307	8564	22.40	87			141618	30
15	Maharashtra	719084	5.97	1.76	3491	825	8683	6.44	228	26	457.62	58044	110
16	Manipur	2128			370	1650	3883	11.00	12			365	134
17	Meghalaya	4226	0.25		593	3040	10875	42.00	19			1165	25
18	Mizoram	3470	0.20		315	3045	5812	109.00	37			110	20
19	Nagaland	2617	0.78		271	143	95	6.00					
20	Orissa	224373	0.27	0.03	5819	4485	9882	36.52	8			3437	18

1	2	3	4	5	6	7	8	9	10	11	12	13	14
21	Punjab	80856	0.70	1.58	3037	4620	14995	71.00	1821			22050	
22	Rajasthan	66941	1.07		6632	50551	4716	25.80	283	222	4.00	36683	129
23	Sikkim	5574	0.00		162	2016	720	14.70			10.00	20	13
24	Tamil Nadu	210616	6.46	2.98	2672	471	16818	30.05	829	56	25.00	1537	
25	Tripura	2442	1.10		760	2800	20805	24.57	25			80	236
26	Uttar Pradesh	407966	5.35	5.73	950	50938	52815	129.20	751			51664	
27	Uttaranchal	6603			800	43331	47027	80.03	26			8047	430
28	West Bengal	263587	13.55		2111	36890	3662	675.00	48		18.00	7959	1173
29	Andaman and Nicobar	137	0.17		358	405	6296	167.00	5	2		60	
30	Chandigarh	97				275	1675		12			1529	
31	Dadar and Nagar Haveli	169										80	
32	Daman and Diu												
33	Delhi	677	0.07		301		4753	30.00	89			27990	
34	Lakshadweep							85.00					
35	Pondicherry	573	0.60		62	13	1637		21		5.00	90	
	TOTAL:	3837379	86.35*	19.73	61321**	313859***	565658****	1867.80^	7068^^	1180	608.62	600229^^^	3651

SLS = Street Lighting System; HLS = Home Lighting System; SL = Solar Lanterns; SPV = Solar Photovoltaic; MW = Mega Watt; kWp = kilowatt peak

* Includes 0.32 MW installed through NGO in different States

** Includes 9150 SLS distributed through IREDA/NGOs in different States

*** Includes 8584 HLS distributed through IREDA/NGOs in different States

****Includes 99797 SL distributed through IREDA/NGOs in different States

^Includes 58 kWp installed through IREDA/NGOs in different States

^^Includes 28 pumps installed through IREDA/NGOs in different States

^^^Includes 16750 solar cookers distributed through NGOs in different States

Statement-II

State-wise details of CFA provided under various renewable energy programmes during the last 3 year

(Rs. in crore)

Sl. No.	State/UT	2004-05	2005-06	2006-07	Total
1	2	3	4	5	6
1	Andhra Pradesh	7.59	12.19	17.63	37.42
2	Arunachal Pradesh	11.91	5.43	14.11	31.44
3	Assam	0.44	2.02	4.08	6.54
4	Bihar	0.06	0.41	6.98	7.46
5	Chhattisgarh	1.39	5.50	6.49	13.39
6	Goa	0.08	0.21	0.40	0.69
7	Gujarat	2.22	3.50	7.28	12.99
8	Haryana	1.576	1.48	6.52	9.57
9	Himachal Pradesh	12.82	2.57	15.42	30.81
10	Jammu and Kashmir	5.74	10.13	2.10	17.98
11	Jharkhand	0.05	12.65	3.12	15.82
12	Karnataka	5.38	4.05	14.71	24.14
13	Kerala	1.33	1.37	1.94	4.64
14	Madhya Pradesh	4.99	5.78	10.14	20.92
15	Maharashtra	6.61	10.21	17.36	34.17
16	Manipur	1.06	3.99	6.04	11.09
17	Meghalaya	5.30	3.17	5.78	14.25
18	Mizoram	3.46	14.35	9.76	27.56
19	Nagaland	1.63	1.57	1.85	5.05
20	Orissa	2.16	3.31	9.67	15.15
21	Punjab	1.45	1.65	6.85	9.95
22	Rajasthan	3.02	5.23	4.70	12.95
23	Sikkim	0.88	3.07	7.22	11.17
24	Tamil Nadu	6.11	3.37	3.34	12.81
25	Tripura	10.75	0.24	3.55	14.54
26	Uttar Pradesh	10.1	4.27	6.23	20.59
27	Uttaranchal	1.52	10.58	17.36	29.46
28	West Bengal	5.61	17.01	27.78	50.40
29	Andaman and Nicobar	0	0.00	0.57	0.57
30	Chandigarh	0	0.45	0.00	0.45

1	2	3	4	5	6
31	Dadar and Nagar Haveli	0	0.00	0.00	0.00
32	Daman and Diu	0	0.00	0.00	0.00
33	Delhi	0.65	0.02	0.11	0.78
34	Lakshadweep	0	0.00	0.00	0.00
35	Pondicherry	0.08	0.63	0.13	0.85
36	Others	36.19	35.30	42.49	113.99
	TOTAL:	152.14	185.70	281.72	619.56

Test projects on village energy security in A.P.

2220. SHRIMATI N.P. DURGA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether test projects on village energy security are being implemented in Andhra Pradesh;

(b) if so, the details thereof;

(c) the aims and objectives of the projects; and

(d) the plans of Government to extend these test projects to other parts of the country as they are now covering only 12 States and selected villages?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) Three test projects on village energy security were sanctioned for villages in Cuddapah, East Godavari and Warangal districts of Andhra Pradesh as per proposals forwarded by the State Nodal Agency, Non-Conventional Energy Development Corporation of Andhra Pradesh (NEDCAP). The projects had to be cancelled subsequently as requested by the State Agency as these villages are being electrified by conventional means through grid extension.

(c) The projects are based on utilization of locally available biomass resources and aim at meeting the total energy requirements including cooking, lighting and motive power, with full participation of the local communities, including women.

(d) A total of 200 test projects are planned to be taken up, of which 79 test projects are at present under implementation in 11 States. A country-wide programme can be considered based on the outcome of the test projects.

Development of renewable energy sources

2221. SHRI RAVULA CHANDRA SEKAR REDDY: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government are concentrating more on developing renewable sources of energy;

(b) if so, the details thereof;